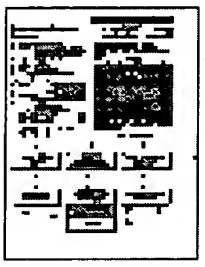
Title: **JP1140558A2: MANUFACTURE OF DRY BATTERY**

Derwent Title: Slat protection apparatus for shutter with openings at top, comprises bendable buffer with projecting edges to right and left and back and forth of vertical links connecting long pipes in upper portion of shutter [Derwent Record]

Country: **JP** Japan
Kind: **A**



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Published / Filed: **1989-06-01** / 1987-11-26

Application Number: **JP1987000298314**

IPC Code: **H01M 6/08;** H01M 4/75;

Abstract: PURPOSE: To prevent an air ingress from a carbon rod even after a long storage period and manufacture a dry battery of high sealing performance by providing a paraffin thin film on the edge of the carbon rod in a manufacture process.

CONSTITUTION: The predetermined amount of paraffin 5 is applied to the upper edge of a carbon rod 4 provided at the center of a positive pole laminating agent 3 stored in a zinc can 1 and then the paraffin 5 is fused under a heating atmosphere like the exposure of a dry battery to heating in a furnace. After cooling and solidification, a thin film of the paraffin 5 is formed on the upper edge of the carbon rod 4. In this case, the amount of the paraffin 5 applied to the upper edge of the carbon rod 4 is so decided as to form a thin film covering, for example, 30% to 70% of the upper edge area of the carbon rod 4. Consequently, the paraffin 5 is formed on the upper edge of the carbon rod 4 after heating. Thereafter, upper cover paper 6 is placed on the positive pole laminating agent, a sealing agent 7 comprising pitch and the like is applied to the external surface of the carbon rod 4 and furthermore a synthetic resin sealing body 8 having a carbon rod insertion hole is kept in contact with the opening of the zinc can 1. And a metal negative terminal plate 11 is positioned on the bottom of the zinc can 1 and a metal positive terminal plate 10 is fitted on the sealing body 8.

Family: None

Forward References:

Go to Result Set: Forward references (1)

PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6586912	2003-07-01	Tsukamoto; Hisashi	Quallion LLC	Method and apparatus for amplitude limiting battery temperature spikes

Other Abstract Info: None

(19)

(11) Publication number: **01140**:

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PATENT ABSTRACTS OF JAPAN

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(54) MANUFACTURE OF DRY BATTERY

(57) Abstract:

PURPOSE: To prevent an air ingress from a carbon rod even after a long storage period and manufacture a dry battery of high sealing performance by providing a paraffin thin film on the edge of the carbon rod in a manufacture process.

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